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DALLAS SEMICONDUCTOR

DS9094SM
Surface-Mount iButtonÔ Clip

FEATURES

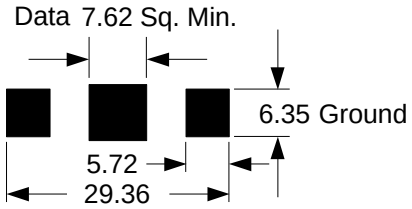
- Compact single-piece, all-metal clip for iButton mounting.
- Lowest profile iButton mount
- Made from 0.25 mm thick phosphor bronze
- Withstands high temperatures required for surface mounting
- Can be soldered, riveted or screw-mounted
- Available for F3 and F5 iButton

ORDERING INFORMATION

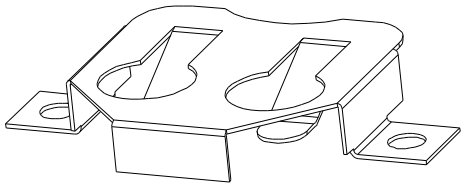
DS9094SM3 Clip for F3 iButton

DS9094SM5 Clip for F5 iButton

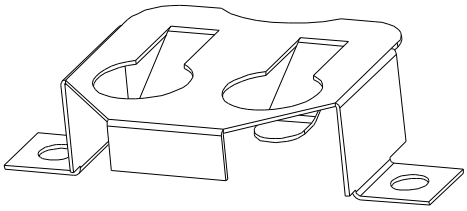
MOUNTING PAD LAYOUT

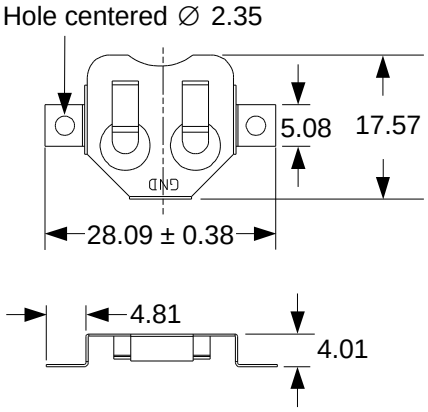


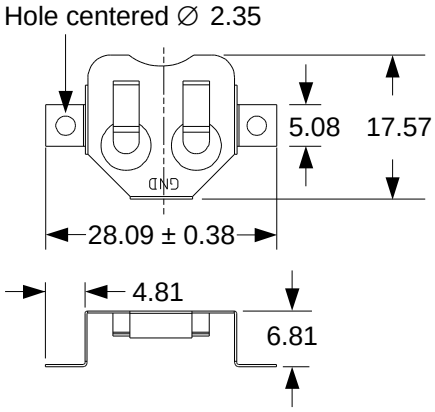
DS9094SM3



DS9094SM5







All dimensions are in millimeters.

DESCRIPTION

The DS9094SM is a low-cost, surface mount device that retains a 16.3 mm iButton on a printed circuit board. Two springs that double as ground contacts press the iButton to the data pad on the printed circuit board. The iButton can be inserted and extracted without special tools. For best results the data contact on the printed circuit board should be plated with a layer of minimum 0.76 µm hard gold over minimum 3.81 µm nickel.